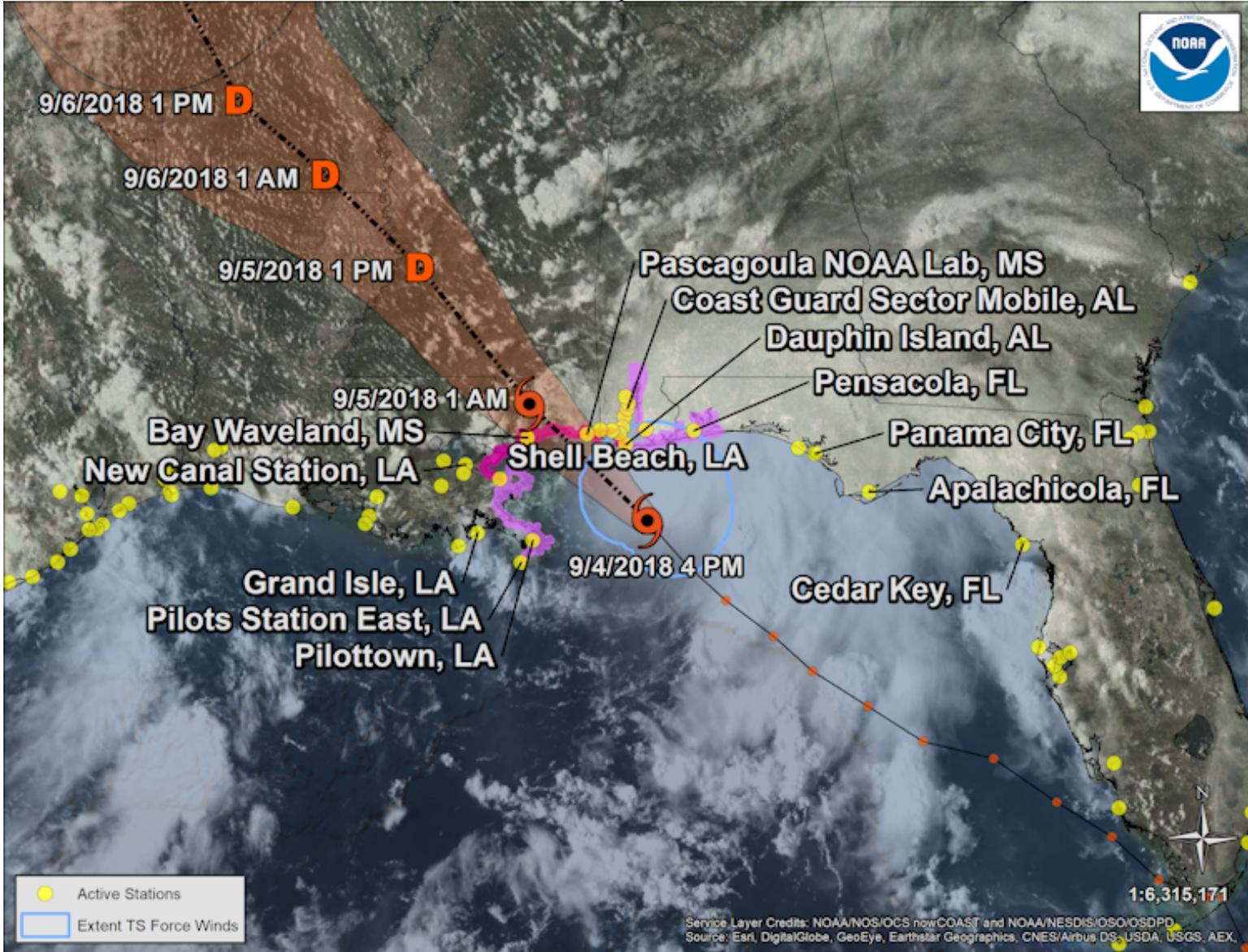




Tropical Storm Gordon QuickLook
Posted: 17:00 CDT 09/04/2018

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/04/2018 17:00 CDT, water levels from the Florida panhandle to southeastern Louisiana remain elevated and are measuring 1 to 2 feet above normal tide levels. At this time many stations are at or approaching low tide which is helping to counteract some storm surge effects from Gordon. However over the next 6 to 12 hours as tide levels will be once again rising, storm surge may result in flooding in some spots across the Gulf Coast.

Winds are rising at some locations along the immediate coast including Dauphin Island, AL, Shell Beach, LA and Pilots Station East, LA where winds in excess of 20 knots with gusts of 25 to 35 knots have been observed.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: PFF

Select National Hurricane Center Advisory Information:

BULLETIN
Tropical Storm Gordon Advisory Number 10
NWS National Hurricane Center Miami FL AL072018
400 PM CDT Tue Sep 04 2018

...GORDON STRENGTHENS A LITTLE AS IT HEADS TOWARD THE NORTH-CENTRAL GULF COAST...

SUMMARY OF 400 PM CDT...2100 UTC...INFORMATION

LOCATION...29.4N 87.8W
ABOUT 95 MI...155 KM SE OF BILOXI MISSISSIPPI
ABOUT 90 MI...145 KM S OF MOBILE ALABAMA
MAXIMUM SUSTAINED WINDS...70 MPH...110 KM/H
PRESENT MOVEMENT...NW OR 310 DEGREES AT 15 MPH...24 KM/H
MINIMUM CENTRAL PRESSURE...1000 MB...29.53 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

The Tropical Storm Warning has been discontinued west of the Mouth of the Mississippi River, including Lake Maurepas.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

* Shell Beach to Dauphin Island

A Storm Surge Watch is in effect for...

* West of Shell Beach to the Mouth of the Mississippi River

* East of Dauphin Island to Navarre

A Hurricane Warning is in effect for...

* Mouth of the Pearl River to the Alabama-Florida Border

A Tropical Storm Warning is in effect for...

* West of the Mouth of the Pearl River to the Mouth of the Mississippi River, including Lake Pontchartrain

* Alabama-Florida Border to Okaloosa-Walton County Line

A Storm Surge Warning means there is a danger of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov. This is a life-threatening situation. Persons located within these areas should take all necessary actions to protect life and property from rising water and the potential for other dangerous conditions. Promptly follow evacuation and other instructions from local officials.

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations.

A Hurricane Warning means that hurricane conditions are expected somewhere within the warning area. Preparations to protect life and property should be rushed to completion.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning areas.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND OUTLOOK

At 400 PM CDT (2100 UTC), the center of Tropical Storm Gordon was located by NOAA Doppler weather radars near latitude 29.4 North, longitude 87.8 West. Gordon is moving toward the northwest near 15 mph (24 km/h) and this general motion is expected to continue until landfall occurs tonight along the north-central Gulf coast. A northwestward motion with some decrease in forward speed is expected after landfall, with a gradual turn toward the north-northwest and north forecast to occur on Friday. On the forecast track, the center of Gordon will make landfall along the north-central Gulf Coast within the hurricane warning area this evening or tonight, and then move inland over the lower Mississippi Valley through Wednesday.

Data from NOAA Doppler weather radars indicate that maximum sustained winds have increased to near 70 mph (110 km/h) with higher gusts. Some additional strengthening is still possible, and Gordon could become a hurricane before landfall occurs along the north-central Gulf Coast this evening. Rapid weakening is forecast after Gordon moves inland.

Tropical-storm-force winds extend outward up to 80 miles (130 km) from the center.

The estimated minimum central pressure is 1000 mb (29.53 inches).

HAZARDS AFFECTING LAND

STORM SURGE: The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Mouth of the Pearl River to Dauphin Island...3 to 5 ft. Navarre Florida to Dauphin Island, including Mobile Bay...2 to 4 ft. Mouth of the Pearl River to the Mouth of Mississippi River...2 to 4 ft.

The deepest water will occur along the immediate coast near and to the east of the landfall location, where the surge will be accompanied by large waves. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

RAINFALL: Gordon is expected to produce total rain accumulations of 4 to 8 inches over the western Florida Panhandle, southwest Alabama, southern and central Mississippi, northeastern Louisiana, and southern Arkansas, with isolated maximum amounts of 12 inches through late Thursday. This rainfall will cause flash flooding across portions of these areas.

WIND: Tropical storm conditions will spread onshore within portions of the warning area during the next few hours, with hurricane conditions expected by this evening in the hurricane warning area.

TORNADOES: A couple of tornadoes are possible through tonight near the coasts of Mississippi, Alabama, and the Florida Panhandle.

NEXT ADVISORY

Next intermediate advisory at 700 PM CDT.

Next complete advisory at 1000 PM CDT.

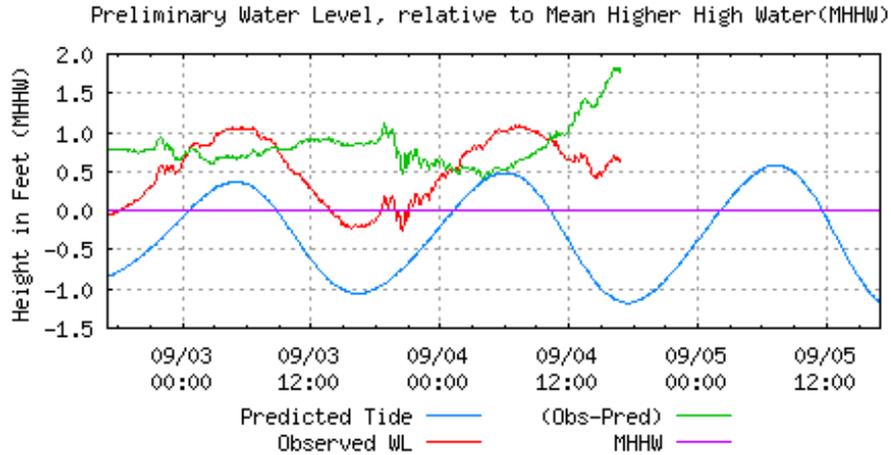
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Forecaster Stewart

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

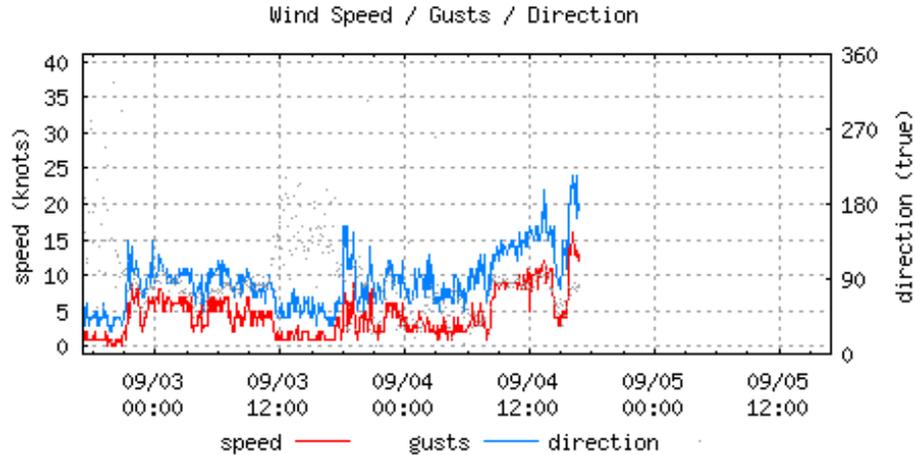
Jump to: [Pensacola - Water Level](#), [Pensacola - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Dauphin Island - Barometric](#), [Coast Guard Sector Mobile - Water Level](#), [Coast Guard Sector Mobile - Winds](#), [Coast Guard Sector Mobile - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Pilottown - Water Level](#), [Pilottown - Winds](#), [New Canal Station - Water Level](#), [New Canal Station - Winds](#), [Pilots Station East, S.W. Pass - Water Level](#), [Pilots Station East, S.W. Pass - Winds](#), [Panama City Beach - Water Level](#), [Panama City Beach - Winds](#), [Panama City Beach - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Cedar Key - Water Level](#), [Cedar Key - Winds](#)

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 09/04/2018 16:48 (CDT). Data relative to MHHW
Observed: 0.61 ft. Predicted: -1.16 ft. Residual: 1.77 ft.
 Historical Maximum Water Level: Sep 16 2004, 9.54 ft.
 Next High Tide: 09/05/2018 07:18 (CDT), 0.58 ft.

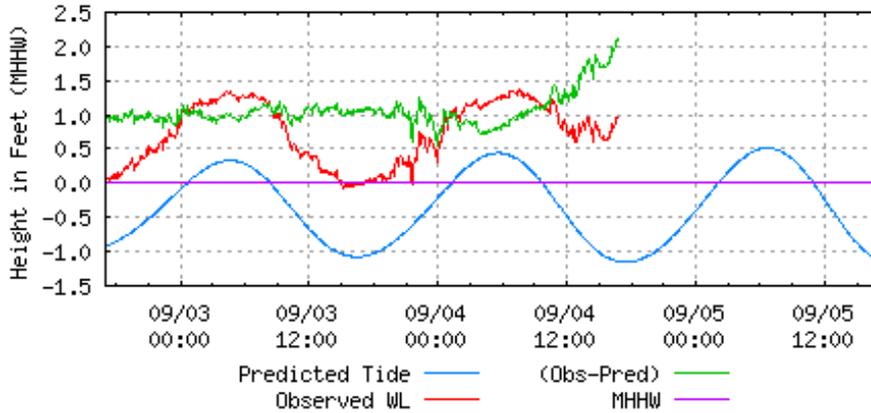
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 09/04/2018 16:48 (CDT)
Wind Speed: 13 knots Gusts: 20 knots Direction: 82° T

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

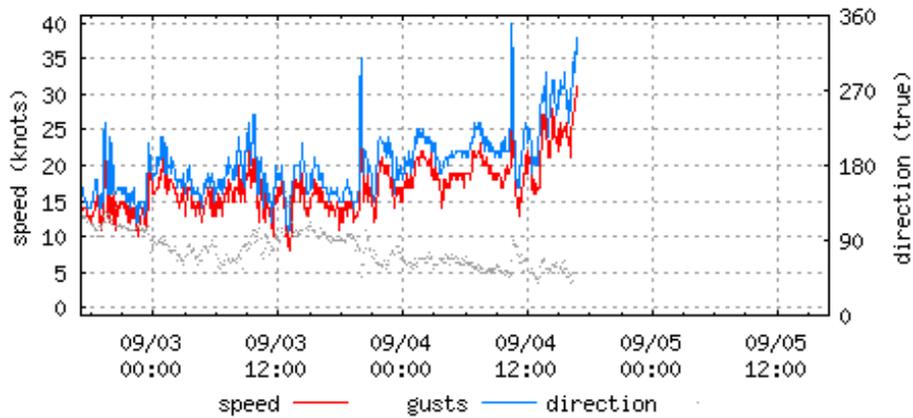
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 16:54 (CDT). Data relative to MHHW
Observed: 1.07 ft. Predicted: -1.14 ft. Residual: 2.21 ft.
 Historical Maximum Water Level: Sep 12 1979, 7.96 ft.
 Next High Tide: 09/05/2018 06:42 (CDT), 0.52 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

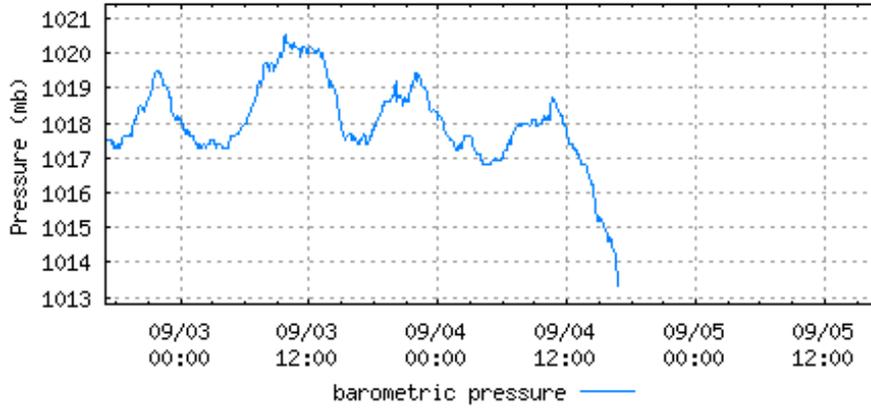
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 16:54 (CDT)
Wind Speed: 33 knots Gusts: 42 knots Direction: 50° T

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL

Barometric Pressure

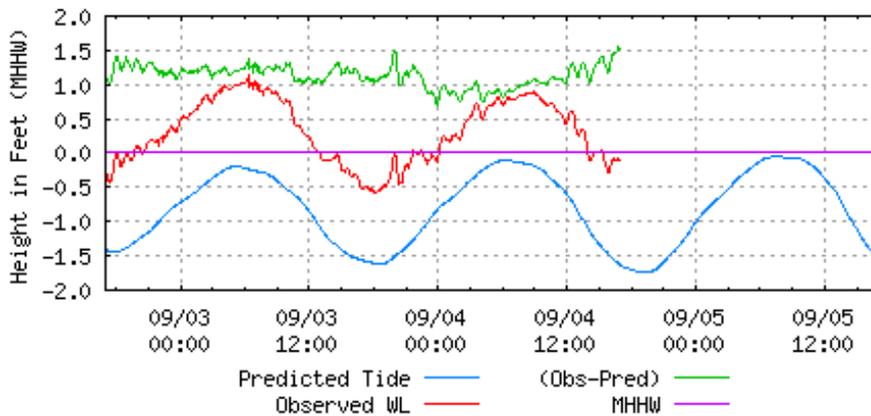


Last Observed Sample: 09/04/2018 16:54 (CDT)

Barometric Pressure: 1013.2 mb

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



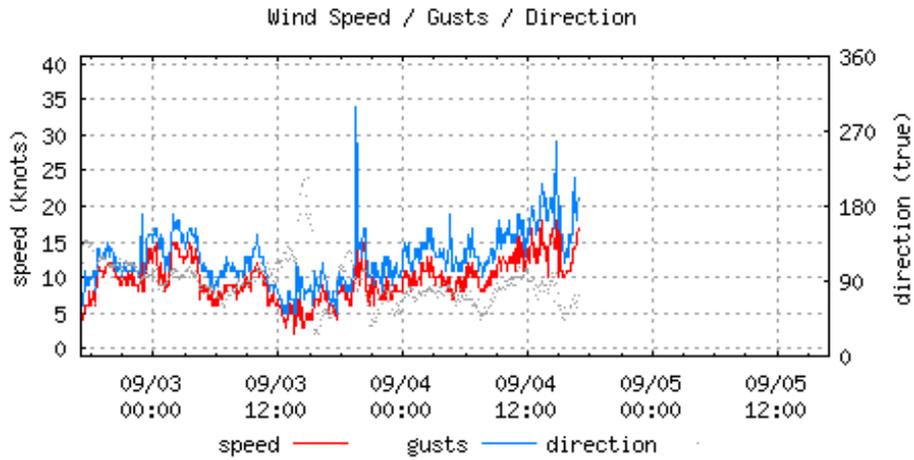
Last Observed Sample: 09/04/2018 16:54 (CDT). Data relative to MHHW

Observed: -0.10 ft. Predicted: -1.63 ft. Residual: 1.53 ft.

Historical Maximum Water Level: Oct 8 2017, 5.38 ft.

Next High Tide: 09/05/2018 07:24 (CDT), -0.05 ft.

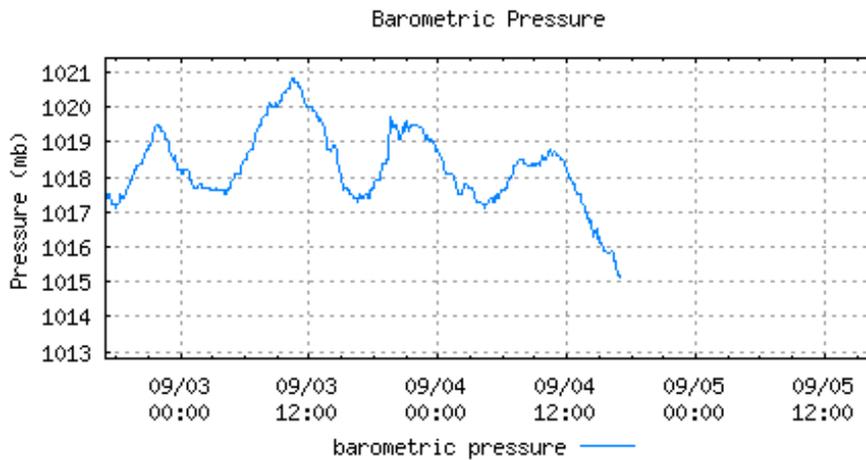
NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



Last Observed Sample: 09/04/2018 16:54 (CDT)

Wind Speed: 17 knots Gusts: 21 knots Direction: 72° T

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL

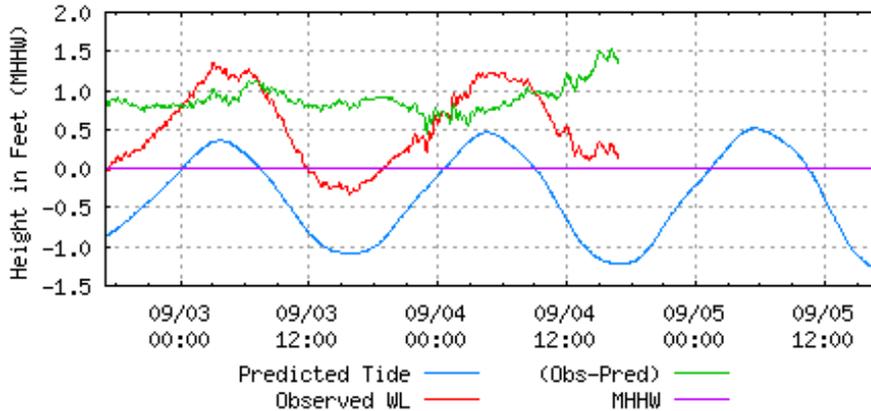


Last Observed Sample: 09/04/2018 16:54 (CDT)

Barometric Pressure: 1015.1 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/04/2018 16:48 (CDT). Data relative to MHHW

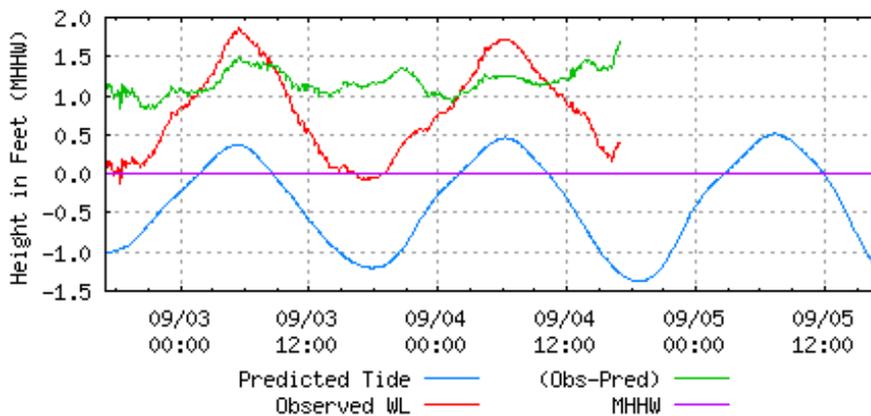
Observed: 0.13 ft. Predicted: -1.22 ft. Residual: 1.35 ft.

Historical Maximum Water Level: Oct 8 2017, 6.20 ft.

Next High Tide: 09/05/2018 05:32 (CDT), 0.51 ft.

NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



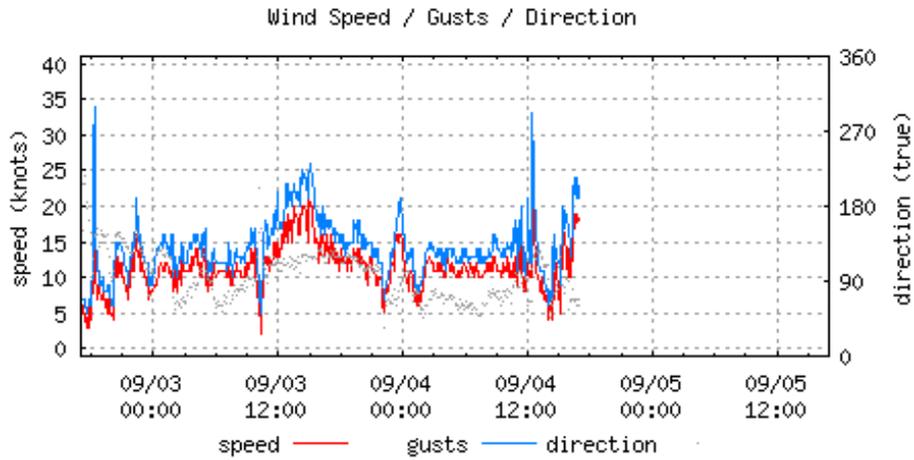
Last Observed Sample: 09/04/2018 17:00 (CDT). Data relative to MHHW

Observed: 0.40 ft. Predicted: -1.28 ft. Residual: 1.68 ft.

Historical Maximum Water Level: Sep 1 2008, 9.10 ft.

Next High Tide: 09/05/2018 07:21 (CDT), 0.51 ft.

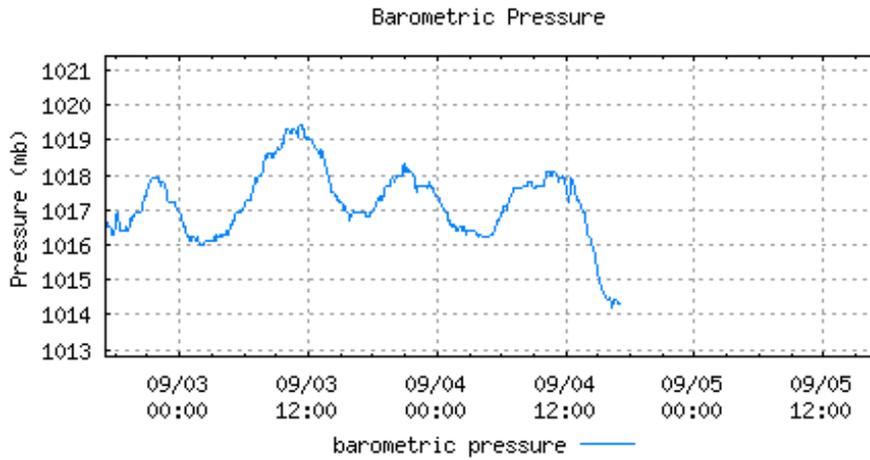
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 09/04/2018 17:00 (CDT)

Wind Speed: 18 knots Gusts: 21 knots Direction: 68° T

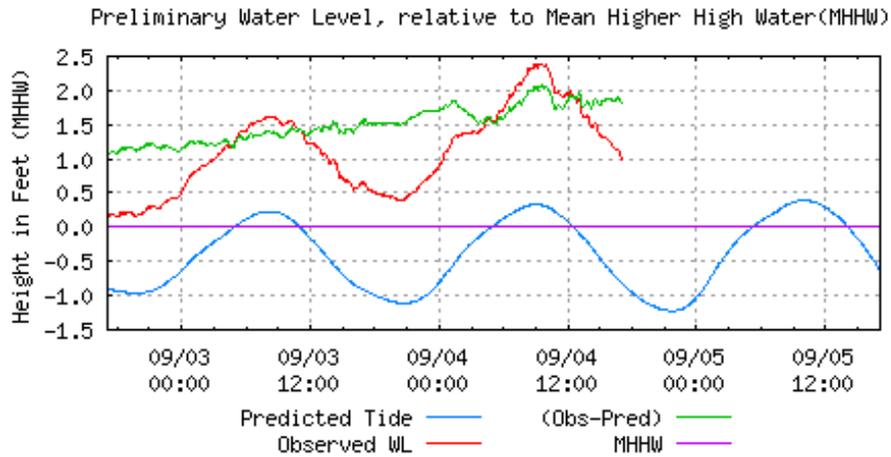
NOAA/NOS/CO-OPS 8747437 Bay Waveland Yacht Club, MS



Last Observed Sample: 09/04/2018 17:00 (CDT)

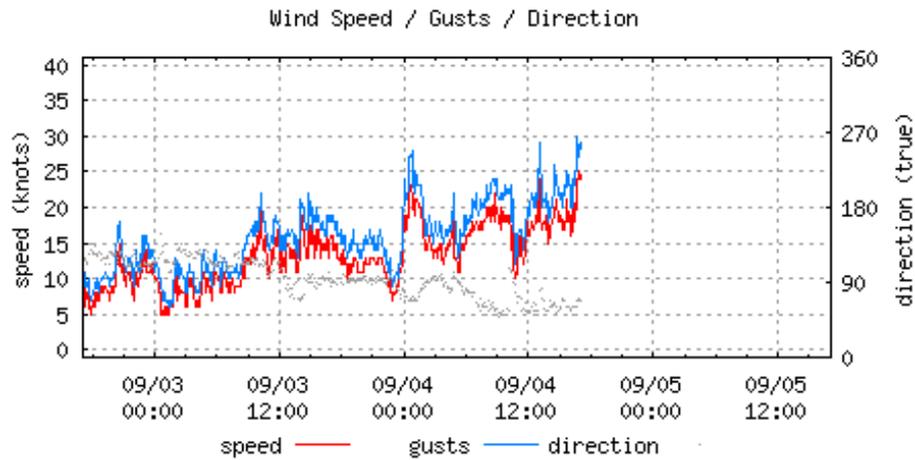
Barometric Pressure: 1014.3 mb

NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 09/04/2018 17:00 (CDT). Data relative to MHHW
Observed: 1.00 ft. Predicted: -0.82 ft. Residual: 1.82 ft.
 Historical Maximum Water Level: Aug 29 2012, 9.37 ft.
 Next High Tide: 09/05/2018 10:00 (CDT), 0.39 ft.

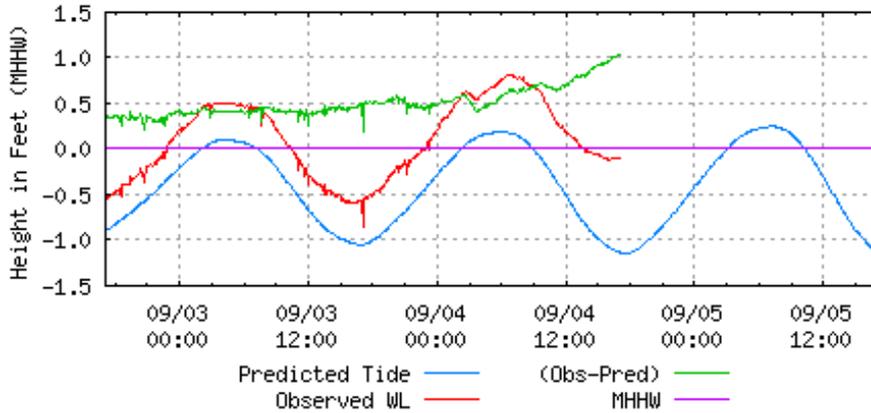
NOAA/NOS/CO-OPS 8761305 Shell Beach, LA



Last Observed Sample: 09/04/2018 17:00 (CDT)
Wind Speed: 24 knots Gusts: 29 knots Direction: 67° T

NOAA/NOS/CO-OPS 8760721 Pilottown, LA

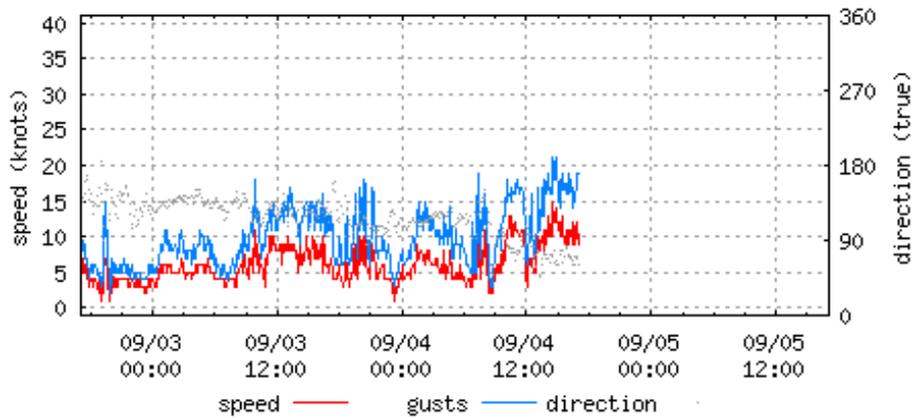
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/04/2018 17:00 (CDT). Data relative to MHHW
Observed: -0.09 ft. Predicted: -1.13 ft. Residual: 1.04 ft.
 Historical Maximum Water Level: Aug 29 2012, 4.78 ft.
 Next High Tide: 09/05/2018 07:12 (CDT), 0.25 ft.

NOAA/NOS/CO-OPS 8760721 Pilottown, LA

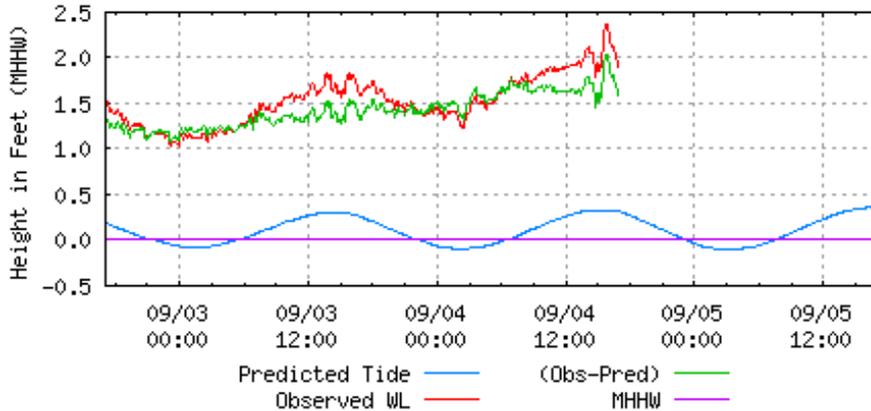
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 17:00 (CDT)
Wind Speed: 9 knots Gusts: 19 knots Direction: 62° T

NOAA/NOS/CO-OPS 8761927 New Canal Station, LA

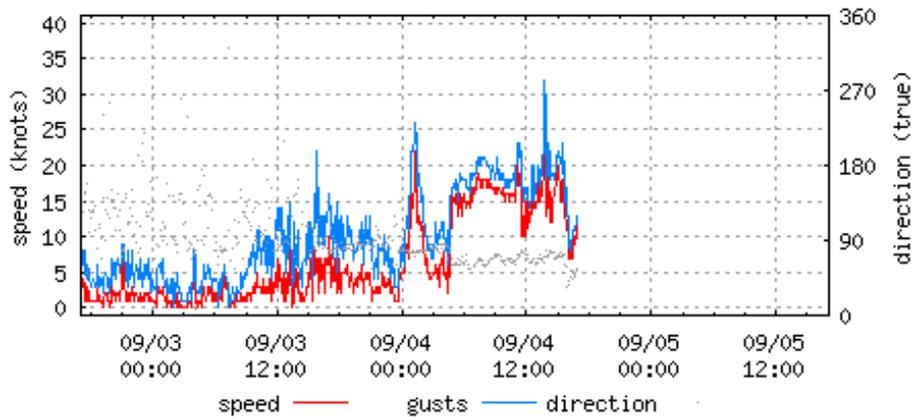
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 16:54 (CDT). Data relative to MHHW
Observed: 1.90 ft. Predicted: 0.31 ft. Residual: 1.59 ft.
 Historical Maximum Water Level: Aug 30 2012, 5.97 ft.
 Next High Tide: 09/05/2018 16:13 (CDT), 0.36 ft.

NOAA/NOS/CO-OPS 8761927 New Canal Station, LA

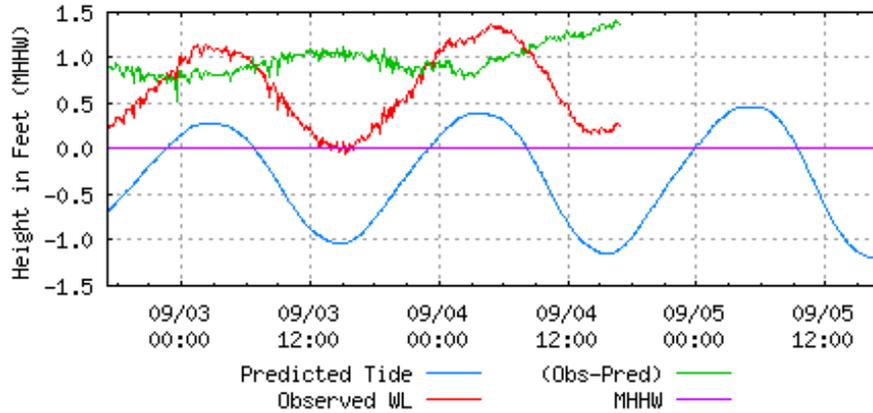
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 16:54 (CDT)
Wind Speed: 12 knots Gusts: 13 knots Direction: 56° T

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA

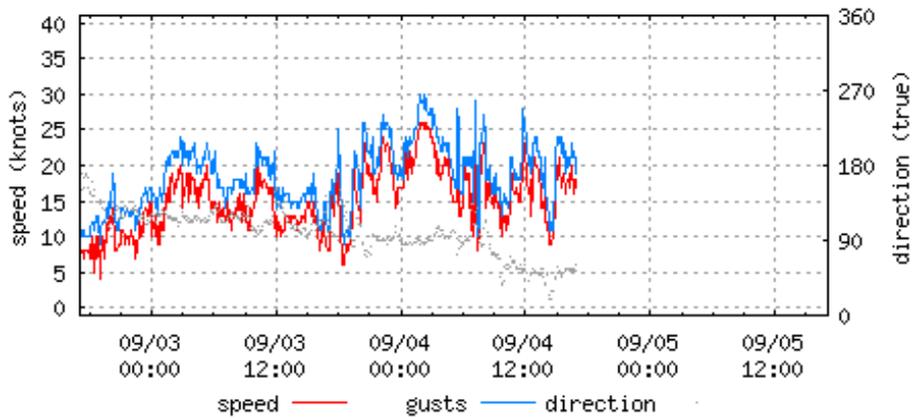
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 16:54 (CDT). Data relative to MHHW
Observed: 0.27 ft. Predicted: -1.10 ft. Residual: 1.37 ft.
 Historical Maximum Water Level: Aug 29 2005, 5.54 ft.
 Next High Tide: 09/05/2018 04:59 (CDT), 0.47 ft.

NOAA/NOS/CO-OPS 8760922 Pilots Station East, S.W. Pass, LA

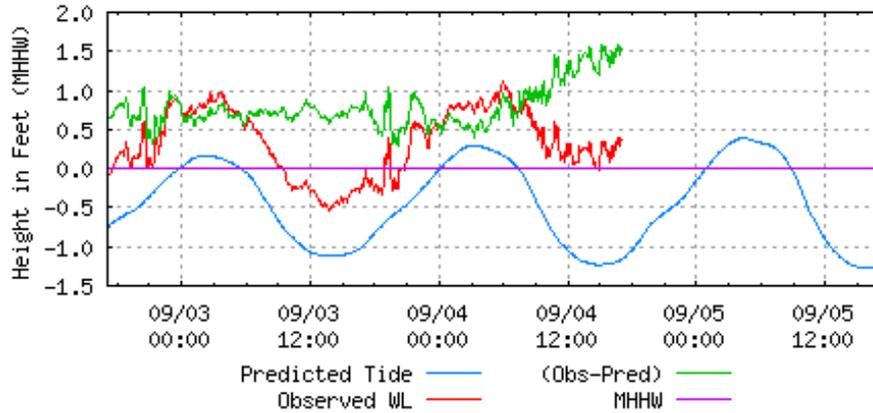
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 16:54 (CDT)
Wind Speed: 17 knots Gusts: 19 knots Direction: 60° T

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 17:00 (CDT). Data relative to MHHW

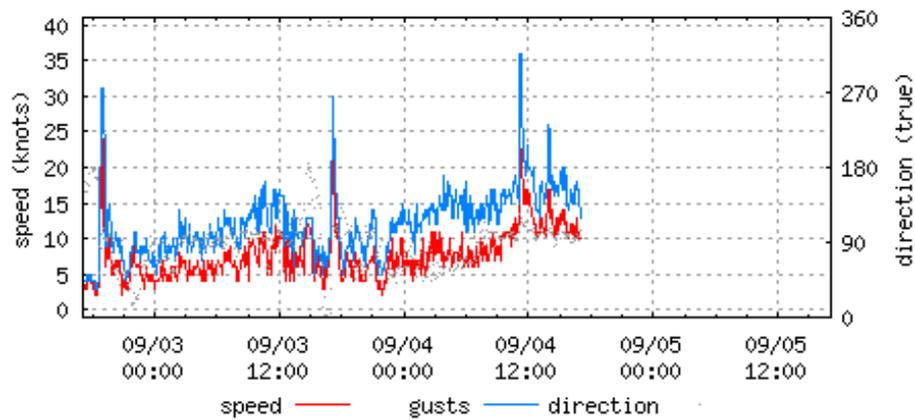
Observed: 0.36 ft. Predicted: -1.17 ft. Residual: 1.53 ft.

Historical Maximum Water Level: Oct 4 1995, 6.84 ft.

Next High Tide: 09/05/2018 04:20 (CDT), 0.38 ft.

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

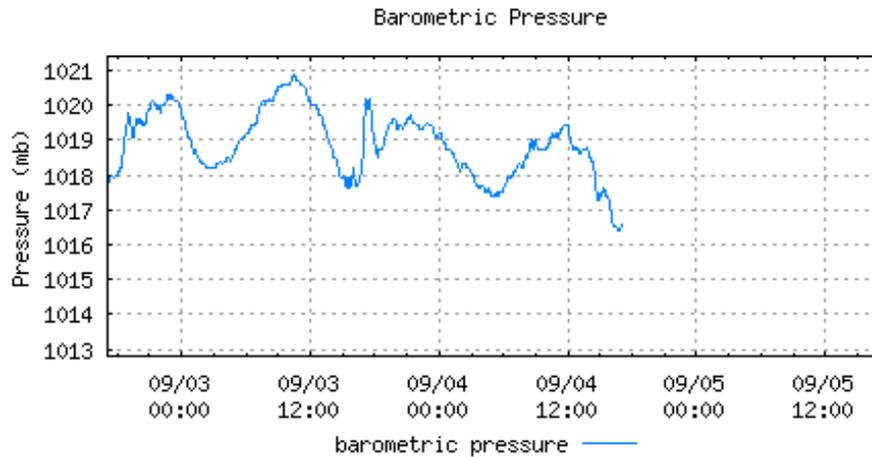
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 17:00 (CDT)

Wind Speed: 10 knots Gusts: 13 knots Direction: 105° T

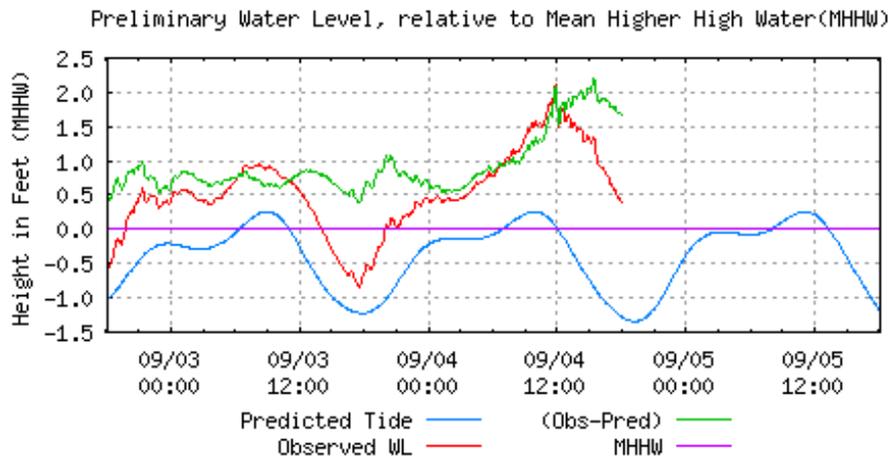
NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



Last Observed Sample: 09/04/2018 17:00 (CDT)

Barometric Pressure: 1016.6 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



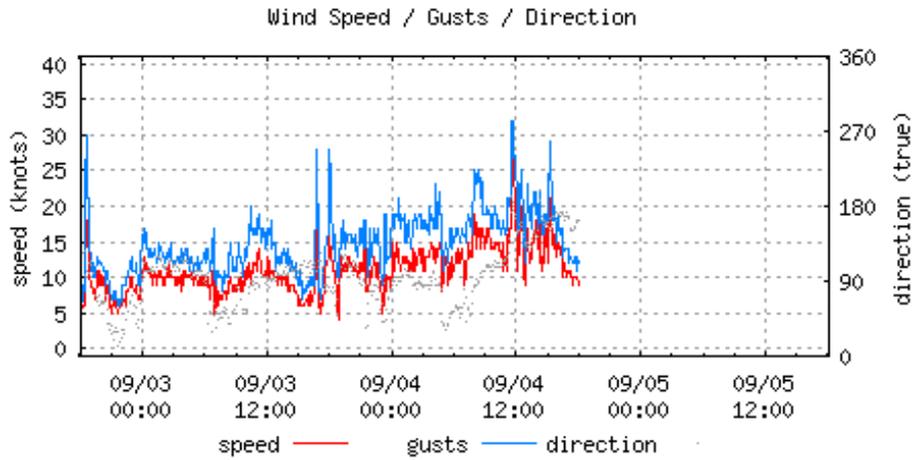
Last Observed Sample: 09/04/2018 18:00 (EDT). Data relative to MHHW

Observed: 0.41 ft. Predicted: -1.27 ft. Residual: 1.68 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 09/05/2018 03:21 (EDT), -0.04 ft.

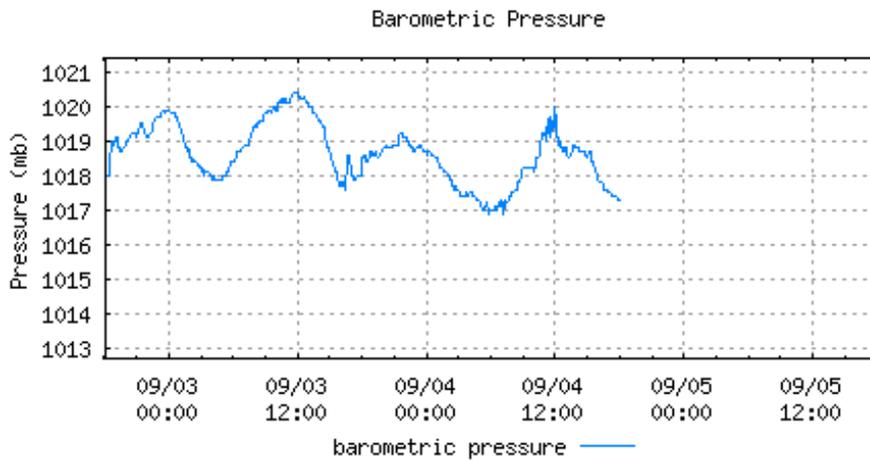
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 09/04/2018 18:00 (EDT)

Wind Speed: 9 knots Gusts: 12 knots Direction: 162° T

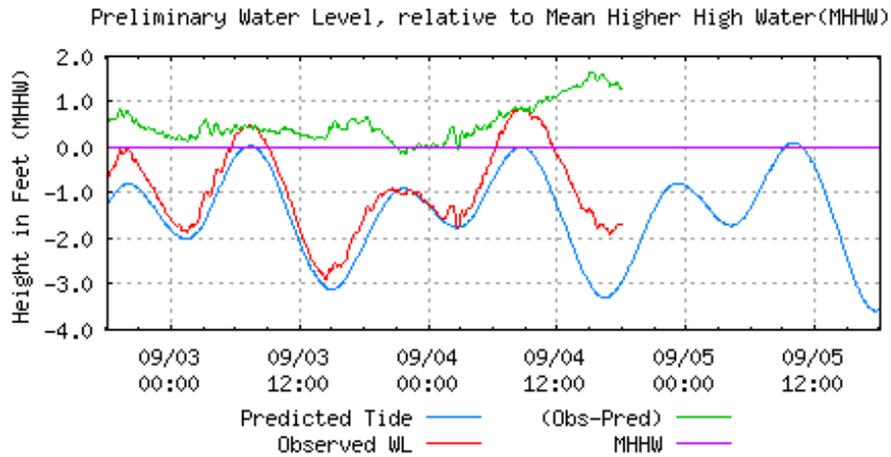
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 09/04/2018 18:00 (EDT)

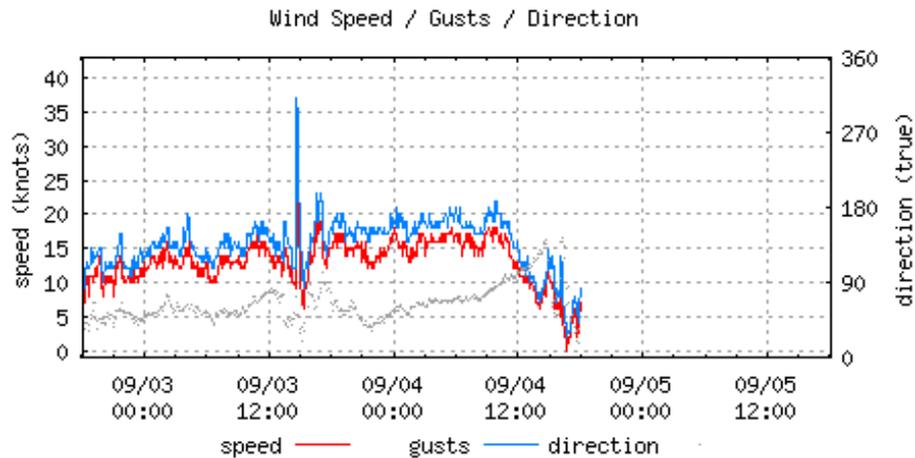
Barometric Pressure: 1017.3 mb

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 09/04/2018 18:00 (EDT). Data relative to MHHW
Observed: -1.67 ft. Predicted: -2.96 ft. Residual: 1.29 ft.
 Historical Maximum Water Level: Sep 2 2016, 5.98 ft.
 Next High Tide: 09/04/2018 23:16 (EDT), -0.79 ft.

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 09/04/2018 18:00 (EDT)
Wind Speed: 7 knots Gusts: 9 knots Direction: 48° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8729840	Pensacola, FL	09/04/2018 16:48 (CDT)	0.61 ft	-1.16 ft	1.77 ft	1.08 ft
8735180	Dauphin Island, AL	09/04/2018 16:54 (CDT)	1.07 ft	-1.14 ft	2.21 ft	1.37 ft
8736897	Coast Guard Sector Mobile, AL	09/04/2018 16:54 (CDT)	-0.10 ft	-1.63 ft	1.53 ft	0.89 ft
8741533	Pascagoula NOAA Lab, MS	09/04/2018 16:48 (CDT)	0.13 ft	-1.22 ft	1.35 ft	1.22 ft
8747437	Bay Waveland Yacht Club, MS	09/04/2018 17:00 (CDT)	0.40 ft	-1.28 ft	1.68 ft	1.71 ft
8761305	Shell Beach, LA	09/04/2018 17:00 (CDT)	1.00 ft	-0.82 ft	1.82 ft	2.39 ft
8760721	Pilottown, LA	09/04/2018 17:00 (CDT)	-0.09 ft	-1.13 ft	1.04 ft	0.82 ft
8761927	New Canal Station, LA	09/04/2018 16:54 (CDT)	1.90 ft	0.31 ft	1.59 ft	2.37 ft
8760922	Pilots Station East, S.W. Pass, LA	09/04/2018 16:54 (CDT)	0.27 ft	-1.10 ft	1.37 ft	1.38 ft
8729210	Panama City Beach, FL	09/04/2018 17:00 (CDT)	0.36 ft	-1.17 ft	1.53 ft	1.12 ft
8728690	Apalachicola, FL	09/04/2018 18:00 (EDT)	0.41 ft	-1.27 ft	1.68 ft	2.12 ft
8727520	Cedar Key, FL	09/04/2018 18:00 (EDT)	-1.67 ft	-2.96 ft	1.29 ft	0.90 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
 National Oceanic and Atmospheric Administration | U.S. Department of Commerce